

# CP40NG10

Portable Blu-ray Disc™ Drive



## Features

- Super Multi Blue Slim Portable
- 3D Blu-ray Disc Playback & M-DISC™ Support
- External - Connects Via USB 2.0
- Silent Play
- Supports 3D Blu-Ray Disc Playback
- Mac Compatible
- Jamless Play
- 6X BD-R Read Capability
- Max. 8X DVD±R Write Speed
- DVD (Including M-Disc & DVD-RAM), And CD Family Read/Write Compatible
- 2MB Buffer Under-Run Prevention Function Embedded
- RoHSCompliant



## IS IT A BLU-RAY DISC™ DRIVE? OR SOMETHING BETTER?

Play your favorite blu-ray or DVD movies and burn DVDs. The LG Super Multi Blue CP40NG10 slim portable Blu-ray drive features USB 2.0 connectivity with a 6X BD-R read speed, 3D Blu-ray disc playback, M-DISC, and Silent Play to support all your backup and entertainment needs. Simply plug in and record up to 8.5GB of files, photos, or business documents onto a dual layer DVD disc. If data integrity is your priority, the CP40NG10 is supports MDISC that offers unmatched reliability in data storage.



LG Super Multi Blue optical drives can read and write four types of disc formats in one convenient package.



Blu-ray Disc is the next generation in optical storage, offering 25GB or 50GB of storage capacity on a disc.



Enter a world of entertainment that rivals reality as you playback stunning 3D Blu-ray discs.

PORTABLE BLU-RAY™ DISC DRIVE

# CP40NG10

## Portable Blu-ray™ Disc Drive



### TECHNICAL SPECIFICATIONS

Type	Portable Blu-ray Disc Drive
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### TRANSFER RATES - WRITE

DVD-R (SL/DL)	2x CLV, 4x PCAV, 8x CAV/ 2x CLV, 4x, 6x ZCLV
DVD+R (SL/DL)	2.4x CLV, 4x PCAV, 8x CAV/ 2.4x CLV, 4x, 6x ZCLV
DVD-RW	1x, 2x CLV, 4x, 6x ZCLV
DVD+RW	2.4x, 3.3x CLV, 4x ZCLV, 8x ZCLV (8x disc: 3.3x, 8x)
DVD-RAM	2x, 3x ZCLV, 5x PCAV(Ver.2.2) (16x disc: No support)
M-DISC	2.4 CLV, 4x PCAV
CD-R	10x CLV, 16x, 24x ZCLV
CD-RW	4x, 10x CLV, 16x, 24x ZCLV

### TRANSFER RATES - READ

BD-ROM (SL/DL)	6x CAV / 6x CAV
BD-R (SL/DL/TL)	6x CAV / 6x CAV / 6x CAV
BD-R (LTH)	6x CAV max.
BD-RE (SL/DL/TL)	6x CAV / 6x CAV / 2x CLV
BD-MV	4.8x CAV max.
DVD-ROM	8x CAV max.
DVD-R (SL/DL)	8x/ 8x CAV
DVD+R (SL/DL)	8x/ 8x CAV
DVD-RW	8x CAV max.
DVD+RW	8x CAV max.
DVD-Video (CSS Compliant)	4x CAV max.
DVD-RAM (Ver.2.2)	2x, 3x ZCLV, 5x PCAV
M-DISC	8x / 8x CAV
CD-R/RW/ROM	24x CAV max.
CD-DA (Ripping/Audio Play)	24x CAV/ 10x CAV

### OTHER FEATURES

Silent Play	•
Jamless Play	•

### ACCESS TIME (1/3 STROKE)

BD-ROM	200ms typ.
DVD-ROM	160ms typ.
DVD-RAM	200ms typ.
CD-ROM	160ms typ.

### SUSTAINED RATE

BD-ROM	143.86 Mbits/s (6x) max.
DVD-ROM	11.08 Mbytes/s (8x) max.
CD-ROM	3,600 kB/s (24x) max.

### BURST TRANSFER RATE

USB 2.0 480 Mbps	
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### BUFFER SIZE

2MB Buffer Under-run prevention function embedded	
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### HOST INTERFACE

External (Host)	USB 2.0 (480Mbits/s)
Internal (Drive)	X3T13 ATA/ATAPI-T Revision 4b INF-8090i Ver. 7 Rev 1.20 INCITS xxx T10/1675D Revision 4

### COMPLIANCE

RoHS	•
Safety UL	UL 60950-1 First Edition
C-UL	CSA C22.2 No. 60950-1-07 Second Edition
TÜV	EN 60950-1 / EN60825-1
SEMKO	EN 60950-1 / EN60825-1
EMC	CE Marking, C-Tick Mark, BSMI, VCCI, KCC, FCC Part 15 Class B Digital Device, ICES-003 Digital Apparatus
Laser Safety	Class 1 laser product comply with DHHS rules 21 CFR Subchapter J Class 1 laser product to EN60825-1 / IEC 60825-1

### OPERATING SYSTEMS

Windows 7	•
Windows Vista™	•
Windows XP	•
Mac	•

### SYSTEM REQUIREMENTS

CPU	Intel® Pentium® D 3.2GHz or Higher (with USB 2.0)
Recommended	Intel Pentium 4 Core 2 Duo P8600 2.4GHz or higher
HDD	30GB or more of available space (60GB for Blu-ray Disc authoring)
RAM	1GB or Higher
HDD	60GB or more of available space
BD Movie Playback (CPU)	Following CPU recommended -Intel: E6400 or higher
Graphic Card	Card recommended with following GPU (Graphic Processing Unit) -nVidia: GeForce 7600GT or higher / GeForce 8400 or higher -ATI: ATI Radeon HD 2400 or higher Graphic Card Driver shall meet AACs compliance criteria.

### DIMENSIONS

(W x H x D) 6.29" x 0.86" x 6.02" (160 x 22 x 153mm)	
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### WEIGHT

0.8lbs (380g)	
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### SUPER MULTI BLUE COMPATIBILITY

LG Super Multi Blue optical drives can read and write four types of disc formats in one convenient package:

1. DVD+R
2. RW DVD-R
3. RW DVD-RAM
4. Blu-Ray Disc

This gives you the option to choose the media best suited for each task.

## LG Electronics U.S.A., Inc.

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**LG.com**

Design, features and specifications are subject to change without notice.  
Non-metric weights and measurements are approximate.

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